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TSD/CB Memo #69-55
11 June 1969

MEMORANDUM FOR: DD/ORD

ATTENTION : [] C/Analysis Division

SUBJECT : Graphics Processing Research

1. There are several projects listed under graphics that have been up for reevaluation. A review was recently held between the writer and [] of the Analysis Division. It was mutually agreed that the following three projects be dropped:

- a. TX-2-69 Handwriting Identification
- b. TX-3-69 Stereo Collection
- c. TX-4-69 Indexing and Information Extraction

2. It was agreed that project TX-9-69 would be retained and that the writer would formalize the requirement: this is briefly attempted in the remainder of this memorandum.

3. Operational photography, particularly when done under uncontrolled conditions by relatively untrained people, often produces results which exhibit use problems because of: (a) improper exposure and/or development, i.e. very low contrast and (b) insufficient system resolution, particularly where the film is concerned. There is a corollary to the latter problem: we would like to use some relatively fast films but cannot because of grain limitation. Their speed is attractive because we often have to work under low light level conditions; their poor resolution has prevented them from being used. In reading the literature and in talking with Analysis Division personnel we believe that certain graphics data processing techniques can be of help in these two areas. We welcome the opportunity to meet and further define a suitable program.

4. The writer will be the TSD project officer and may be reached on []

[]

Program Manager
New Materials, Concepts and Analysis

[] , C/TSD/D&E

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